



## Minnesota Ag News – Crop Weather

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COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

### SMALL GRAIN PLANTING ADVANCED RAPIDLY

Small grain planting continued at a strong pace aided by warm, dry conditions, according to the USDA, NASS, Minnesota Field Office. For the week ending April 8, spring wheat advanced 22 percentage points to 25 percent planted, compared to 0 percent last year and 1 percent for the five-year average. Oats advanced 31 points to 49 percent planted, compared to 0 percent last year and 5 percent average. Four percent of the state's oats were emerged. Barley advanced 12 points to 18 percent planted, compared to 0 percent last year and 2 percent average. One percent of the state's barley was emerged. Statewide, 5.2 days were rated suitable for fieldwork.

Land prepared for corn was 16 percent, and 1 percent of corn was planted, compared to 0 percent last year and average. Land prepared for soybeans was 4 percent.

More warm weather records were set early in the week with temperatures in the low to high 80's in southwest areas, contributing to statewide average temperatures that were 9.7° above normal this past week. A round of thunderstorms moved across the state late Monday evening and showers prevailed Saturday; however, amounts were sporadic for both rainfall events. Weekly rainfall amounts ranged from .36 inch in east central areas to 0 in southwest areas. Areas in the southern third of the state continue to be rated as undergoing a severe drought, according to the U.S. Drought Monitor. Topsoil moisture supplies were rated 13 percent very short, 47 percent short, 38 percent adequate, and 2 percent surplus. Subsoil moisture supplies were rated 18 percent very short, 50 percent short, and 32 percent adequate.

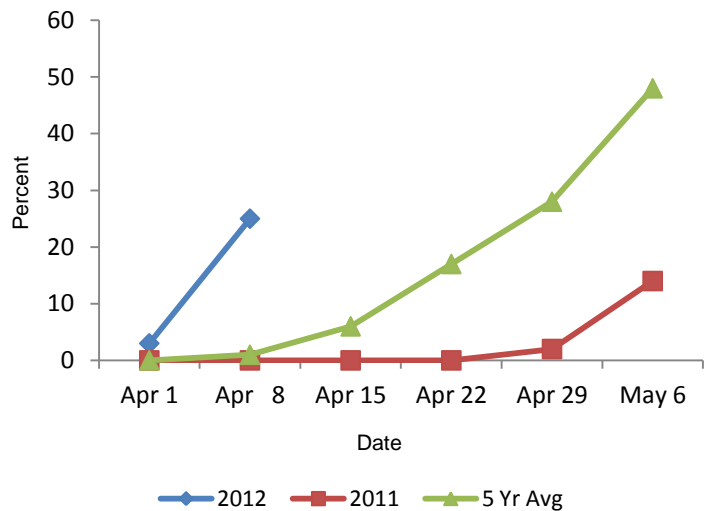
#### Days Suitable for Fieldwork: 5.2

	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	13	47	38	2
Subsoil Moisture	18	50	32	0

#### Crop Progress as of April 8, 2012

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Oats	Planted	49	18	0	5
Oats	Emerged	4	NA	0	0
Spring Wheat	Planted	25	3	0	1
Barley	Planted	18	6	0	2
Barley	Emerged	1	NA	0	0
Corn	Land Prepared	16	3	1	1
Corn	Planted	1	NA	0	0
Soybeans	Land Prepared	4	1	1	1
Approximated Date to Begin					
Full Scale Fieldwork		4/18	4/12	4/24	4/22

#### Spring Wheat Planted



The following links provides further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING April 8, 2012:  
Temperatures averaged from 7.4 degrees above normal in the Northeast, North Central Districts to 12.2 degrees above normal in the Southwest District. Extremes: 17 degrees in Hibbing; 88 degrees in Pipestone. Average precipitation ranged from 0.61 inch below normal in the Southwest District to 0.10 inch below normal in the Northeast, Northwest Districts. Greatest weekly total of 0.71 inch was recorded in Warroad.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 4/2/2012 through 4/8/2012

	Temperature				Precipitation			
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Four Weeks	From Norm Since 4/1	
<u>NW DIST 1</u>								
Crookston	72	30	49.1	12.5	0	-.21	.83	-.23
Itasca	68	22	45.9	11.8	.02	-.36	.50	-.40
Moorhead	67	27	49.3	10.5	0	-.28	-.51	-.32
Warroad	65	21	40.8	6.8	.71	.47	2.03	.44
<u>NC DIST 2</u>								
Grand Rapids	64	26	45.2	8.0	.01	-.41	-.41	-.47
Intl. Falls	63	20	41.0	6.8	.14	-.15	1.79	-.18
<u>NE DIST 3</u>								
Duluth	62	28	43.8	8.8	.37	-.13	.01	-.03
Grand Marais	63	26	41.0	5.8	.23	-.10	.91	-.14
Hibbing	61	17	41.8	7.7	.25	-.08	.58	-.07
<u>WC DIST 4</u>								
Alexandria	62	32	48.4	10.0	.25	-.19	-.26	-.24
Browns Valley	68	29	49.0	10.1	0	-.51	-1.34	-.58
Canby	74	34	50.6	10.4	.01	-.56	-.56	-.64
Montevideo	70	32	52.0	12.5	0	-.55	-.83	-.62
Morris	71	31	49.8	11.2	.10	-.39	-.68	-.45
Wheaton	72	31	50.4	12.3	0	-.49	-1.24	-.56
<u>CENT DIST 5</u>								
Becker	67	29	49.6	8.4	0	-.63	-.78	-.71
Collegeville	66	31	50.7	9.4	0	-.58	-.52	-.66
Hutchinson	70	32	51.2	10.3	.02	-.50	-.36	-.57
Melrose	67	30	48.8	10.4	0	-.56	-.69	-.63
Olivia	76	30	52.0	12.3	0	-.56	-.59	-.63
St. Cloud	65	30	49.5	9.9	.03	-.52	-.71	-.60
Wadena	67	27	47.0	10.8	0	-.48	-.43	-.55
Willmar	68	30	50.5	10.4	0	-.56	-.48	-.63
<u>EC DIST 6</u>								
Aitkin	67	25	47.0	10.0	.02	-.54	-.80	-.62
Forest Lake	68	33	50.5	9.4	.41	-.16	-.07	-.24
MSP Airport	70	37	52.2	9.4	.63	.06	-.16	-.02
Mora	69	27	48.3	9.9	.20	-.31	-.60	-.38
St. Paul - UofM	69	36	51.5	10.4	.54	-.03	-.32	-.11
<u>SW DIST 7</u>								
Lamberton	80	33	53.4	13.4	0	-.63	-.86	-.71
Marshall	77	33	53.0	12.7	0	-.56	-.90	-.64
Pipestone	88	18	51.5	11.4	0	-.62	-.78	-.71
Redwood Falls	77	31	53.6	11.9	0	-.58	-.53	-.64
Worthington	84	33	52.0	12.0	0	-.65	-.63	-.73
<u>SC DIST 8</u>								
North Mankato	76	36	51.7	10.3	.13	-.54	-.96	-.63
Owatonna	71	34	50.8	9.6	.07	-.56	-.70	-.64
Waseca	74	29	51.4	10.2	.04	-.67	-.69	-.77
Winnebago	78	33	52.7	11.1	.06	-.64	-.82	-.73
<u>SE DIST 9</u>								
Preston	69	25	48.0	6.4	.03	-.72	-.06	-.82
Red Wing	70	32	51.0	9.4	.26	-.33	-.37	-.40
Rochester	71	30	50.2	8.1	.05	-.64	-1.08	-.73
Rosemount	M	M	M	M	M	M	-.54m	-.72m
Winona Dam	68	35	50.2	8.4	.04	-.67	-.47	-.76

m=some data missing

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